

10 / 533759

JC17 Rec'd PCT/PTO 04 MAY 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : LEHTINEN, Pekka , MYLLYMÄKI, Olavi, KILILIÄINEN, Katja; LEHTOMÄKI, Ilkka Kaarle; LAAKSO, Simo

Serial No. : Not yet assigned

Filed : Herewith

For : METHOD FOR THE PREPARATION OF A STARCH-CONTAINING PRODUCT IN PARTICLE FORM, A PRODUCT OBTAINED BY THE METHOD AND USE OF THE SAME

Int'l Appl. No.: PCT/F12003/000812

PCT Filed : 3 November 2003

COOPER & DUNHAM LLP
1185 Avenue of the Americas
New York, New York 10036
(212) 278-0400
4 May 2005

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISLCOSURE STATEMENT

SIR:

In compliance with their duty of disclosure under 37 C.F.R. §1.56, applicants direct the Examiner's attention to the following references, which are listed on the accompanying form PTO-1449 (Exhibit 1), copies are attached hereto as Exhibits 2-9 respectively.

1. U.S. 5,332,585 to Odermatt et al., July 26, 1994; (Exhibit 2)
2. Starch/Stärke, Volume 53, 2001, Antje Becker et al: "Relevance of Amylose-lipid Complexes to the Behavior of Thermally Processed Starches"; (Exhibit 3);
3. Can. J. Physiol. Pharmacol, volume 69, 1991, Costas G. Billaderis: "The structure and interactions of starch with food constituents", pages 60-78,

10 / 533759

JC17 Rec'd PCT/PTO 04 MAY 2005

- especially page 67-68; (Exhibit 4)
4. Carbohydrate Polymers, volume 43, 2000, F. Tufvesson et al: "Formation and crystallization of amylose-monoglyceride complex in a starch matrix", pages 359-365; (Exhibit 5)
5. US 2001/0026828 A (Pierre Dupart et al), 4 October 2001 (04.10.2001), column 0015 – column 0018; (Exhibit 6);
6. JP A 2000063882 (C11B 15/00, englanninkielinen PAJ tiivistelmä, Nippon Starch Chemical Co. Ltd.); (Exhibit 7); and
7. EP A3 384 124 (A23L 1/052, Kampffmeyer Muhlen GmbH); (Exhibit 8) and
8. VTT Symp., 186, 1998, K. Autio, M. Stolt, "Effect of high pressure on the structure of starch", s.61-67; (Exhibit 9).

Also attached is a copy of a one page Search Report dated 18 June 2003 from the National Board of Patents and Register of Finland which cites references 1, 5, 6, 7 and 8 above in Finnish Priority Application 2002 1965.

If a telephone conference would be of assistance in advancing the prosecution of the subject application, applicants' undersigned attorney invites the Examiner to telephone at the number provided below.

No fee is believed to be due. However, if any fee is required, authorization is hereby given to charge the amount of any such fee to Deposit Account No. 03-3125.

Respectfully submitted,



Peter J. Phillips
Registration No. 29,691
Attorneys for Applicants
Cooper & Dunham LLP
1185 Avenue of the Americas
New York, New York 10036
(212) 278-0400

I hereby certify that this correspondence is being deposited this date with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Peter Phillips 5/4/05

Peter J. Phillips
Reg. No. 29,691

Date

PATENTTI- JA REKISTERIHALLITUS

Patentti- ja innovaatiolinja

TUTKIMUSRAPORTTI

SEARCH REPORT

JC17 Rec'd PCT/PTO 04 MAY 2005

PATENTTIHAKEMUS NRO	LUOKITUS
20021965	A23L 1/10
PAT. APPL. NO.	

T UTKITTU AINEISTO

Patenttijulkaisukokoelma (FI, SE, NO, DK), tutkitut luokat

A23L 1/10, 1/05, 1/0522

Tiedonhaut ja muu aineisto

Patenttietokannoista: EPODOC (Euroopan patenttiviraston julkaisukokoelma, sisältäen EP, WO, CH, DE, FR, GB, US pat.julk. vuodesta 1970-)
 WPI (World Patents Index, Derwent, 1974-)
 PAJ (Patents Abstracts of Japan, 1976-)

Muista tietokannoista: FSTA (Food Science and Technology Abstracts, 1969-)
 BIOSIS (BIOSIS Previews, 1969-)

VIITEJULKASUT CITED REFERENCES

Kategoria*)	Julkaisun tunnistetiedot	Koskee vaatimuksia
X	US A 2001/0026828 (A23L 1/05, julk. 4.10.2001, erikoisesti vaatimukset 1, 7 - 9 ja 14, P.Dupart et al.)	1, 4, 16, 17
X	JP A 2000063882 (C11B 15/00, englanninkielinen PAJ tiivistelmä, Nippon Starch Chemical Co. Ltd.)	1, 4, 16, 17
A	US A 5 332 585 (A23L 1/0522, Nestec S.A.)	1 - 23
A	EP A3 384 124 (A23L 1/052, Kampffmeyer Muhlen GmbH)	1 - 23
A	VTT Symp., 186, 1998, K.Autio, M.Stolt, "Effect of high pressure on the structure of starch", s.61-67	1 - 23

- *) X Patentoitavuuden kannalta merkittävä julkaisu yksinään tarkasteltuna
 Y Patentoitavuuden kannalta merkittävä julkaisu, kun otetaan huomioon tämä ja yksi tai useampi samaan kategoriaan kuuluva julkaisu
 A Yleistä tekniikan tasoa edustava julkaisu, ei kuitenkaan patentoitavuuden este

RELATED TO CLAIMS

Päiväys 18.6.2003	Tutkija Marja Tamminen
----------------------	---------------------------

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 101533759 Serial No. 6118-74183/PUP
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant Lehtinen, Pekka et al.
		Filing Date
		Group

U. S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	5 3 3 2 5 8 5	07/26/94	Odermatt			
	US 2001/0026828 A	10/04/01	Dupart			

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
JP	A 2000063882	02/29/2000	Japan				
EP	A3 384 124	01/19/90	Europe				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Starch/Stärke, Volume 53, 2001, Antje Becker et al: "Relevance of Amylose-lipid Complexes to the Behavior of Thermally Processed Starches".
	Can. J. Physiol. Pharmacol, volume 69, 1991, Costas G. Billaderis: "The structure and interactions of starch with food constituents", pages 60-78.
	Carbohydrate Polymers, volume 43, 2000, F. Tufvesson et al: "Formation and crystallization of amylose-monoglyceride complex in a starch matrix", pages 359-365.
	VTT Symp., 186, 1998, K. Autio, M. Stolt, "Effect of high pressure on the structure of starch", s.61-67.

EXAMINER	DATE CONSIDERED

*EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this from with next communication to applicant.